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CLASSIFICATION SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY

REPORT NO.

INFORMATION REPORT

CD NO.

13 July 1953

COUNTRY

East Germany

DATE DISTR.

SUBJECT

Funkwerk Koepenick Construction of Single Sideband Transmitters

NO OF PAGES 1

PLACE **ACQUIRED**

NO. OF ENCLS.

DATE OF INFO.

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SUPPLEMENT TO REPORT NO.

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SOURCE #

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- 1. In January 1953, two single sideband transmitters HFA and HFB were under construction in the Funkwerk Koepenick (Koepenick Radio Plant). They were to be equipped with two RS 722 type and tubes each for an output of about 20 k. ... and were scheduled to serve as transmitters for diplometic communication with the U.S.S.R. and Red China. Source learned that one sideband was attenuated by 20 nepers but had no information on the strength of the suppression of the carrier.
- 2. In January 1953, a wave-guide of rectangular section which was built in the laboratory workshop was scheduled for a 9 cm set developed of the designation This set was to be tunable from 8 to 10 cm and to have a capacity or Omer A. of 250 watt at continuous dash and of 20 k. . at impulse operation with a recurrence frequency of 1:150.
- observed empty chassis 25X1X 3. On 23 January 1953, source, which were allegedly scheduled for an impulse navigation method of the Decca-system to be imitated by this department. Source had no information on the development of a directional transmitting-receiving set with impulse modulation.
 - 4. In late 1952, the serial department directed by Dr. Frich Schuettloeffel developed a slit aerial for the 3 k.W. 100 negacycle transmitter developed by the ultra-short wave department. In September 1952, an aerial with a slit of a length in one tube was mounted on the roof of the laboratory and was tested with a two-watt transmitter. The further development of this aerial into a four part slit aerial was stopped in early January 1953.
- Comment. Johannes Norra was mentioned in an organization scheme of 25X1A 1. l the Funkwerk Koepenick, dated 15 September 1951 as belonging to the ship radio and high power transmitter department.

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